- AN 504-05 920 Creek Drive, LLC VAR 2005-6-0014

MSA-S-1829-4756

May 27, 2005

City of Annapolis Planning and Zoning Department 159 Duke of Gloucester Street Annapolis, MD 21401

Re: 920 Creek Drive, LLC

Variance Request- Map 8Z, Parcel 28-Tax Account 06410600

Grounds for Variance Request:

The 920 Creek Drive parcel (the "Property") is a developed waterfront residential parcel currently undergoing renovation. In the fall of 2004, after filing notice with the State of Maryland pursuant to the Board of Public Works Expedited Tidal Wetlands License to repair damage caused by Hurricane Isabel, and obtaining a grading permit from the City of Annapolis (Permit #G04-026), the bulkhead on the Property was replaced.

The new Bulkhead was designed and constructed to match the elevation of the neighboring bulkhead. As reflected in the Grading Permit, it was designed with approximately forty-eight (48) cubic yards of fill to be placed behind the bulkhead to raise the ground elevation to match the bulkhead and adjacent parcel. The initial work proceeded but ceased due to the City's view that a variance is needed in order to place fill dirt in the area behind the bulkhead, which is within twenty-five (25) feet of the Mean High Water ("MHW") point (determined by the Applicant and the State to be at the bulkhead location).

The variance requested is from the provisions of §21.67.065 of the City Code, which referenced the Maryland "Buffer Exempt Area Policy" ("BEA" Policy), Specifically, the City references Standards 4c and 6 of the BEA Policy. A copy of the BEA Policy obtained from the State Critical Area Commission is attached for your convenience. As the City believes the placement of fill behind the bulkhead requires a variance from the BEA Policy, the Applicant requests that the variance to allow fill placement consistent with the drawing already approved in the Grading Permit be granted.

The requested variance meets both the requirements of §21.80.040, (Board of Appeals Variances) and §21.67.150 (Critical Area Variance) of the City Code. The physical surroundings and topographical features of the Property will result in the collection of rain water at the base of

-City of Annapolis May 27, 2005 Page 2 of 3

the slope of the property if the elevation is not altered. This condition could result in standing water, which presents a health risk as a mosquito breeding area. In addition, the variance will allow successful planting to assist in slope stabilization and buffer performance. These are unwarranted hardships to the owner, thus satisfying §§21,80.040 (1) and 21.67.150 (1) of the City Code.

The condition sought to be redressed is unique to the Property. The base of the waterfront slope, unlike other properties in the area, yields to an extended flat area that, due to past activity on this parcel, has not supported vegetation. This area is substantially lower than the height of the pier and adjacent parcel. It is the applicant's position that these characteristics are unique to this property, thereby satisfying §§21.80.040 (2). In addition, the improvements proposed will eliminate the potential standing water issues and accompanying health concerns as well as make the area function better as a buffer and provide a more attractive area on the waterfront. This is not done for financial gain and satisfies §21.80.040 (3).

The basis for this variance is not the result of any action by anyone with an interest in the Property. The elevation of this area behind the bulkhead is naturally occurring and was not created by the owners. Accordingly § 21.80.040 (4) and 21.67.150 (4) are both satisfied.

The variance desired will be an improvement over the current status of the Property. Filling behind the bulkhead will put the Property at even elevation with adjacent parcels and will eliminate areas of standing water caused by rain events. The actions are not detrimental to public health or welfare, nor are they injurious to other property or impacts. In fact the opposite is true and therefore §§21.80.040 (5) is satisfied.

The proposed variance will not impair light and air supplies of adjacent properties as it is located at the bulkhead, well below the view of adjacent properties. There is no resulting change in use or increased risk posed by the variance. Therefore, §21.80.040 (6) is satisfied.

The City interprets its Critical Area Ordinance as requiring a variance to place fill behind the bulkhead in the area immediately adjacent to the bulkhead as requested. This is due to the City's incorporation of the State Residential BEA Policy. The Residential BEA Policy speaks to a prohibition of "structures", as defined therein, within the twenty-five (25) foot buffer from MHW. Although it is not clear that the dirt fill proposed by the owner is prohibited by this provision, the owner is seeking this variance in order to satisfy any concerns over its on-site activities.

The granting of the variance does not confer any special privilege upon the applicant. In fact, denial of the variance will deprive the applicants of reasonable use of the area in question, which is a right commonly enjoyed by other properties in the vicinity. The owner's plans will improve the ability of the area to serve as a buffer. Strict application of the code as interpreted by the City will deprive the owner of the right to utilize the area in question. Strict application will deprive the owner of rights commonly enjoyed by other property owners within the City's Critical Area. Many such bulkhead replacement projects in the City proceed with only a grading permit. This satisfies §§21.67.150 (2) and (3) for actions of the variance criteria found in the City Code.

-City of Annapolis May 27, 2005 Page 3 of 3

Finally, the proposed activity in the variance application will serve to improve water quality and buffer function by allowing vegetation to be established in the area behind the bulkhead. Accordingly, the spirit and intent of the City Code are in harmony with the proposal, and §21.67.150 (5) is also satisfied.

As stated above, and shown in the attached drawing and photographs, the owner satisfied the variance criteria as detailed in The City Code. The owner respectively requests that the variance be granted.

City of Annapolis May 27, 2005

920 Creek Drive, LLC - Variance Application

Re: 920 Creek Drive

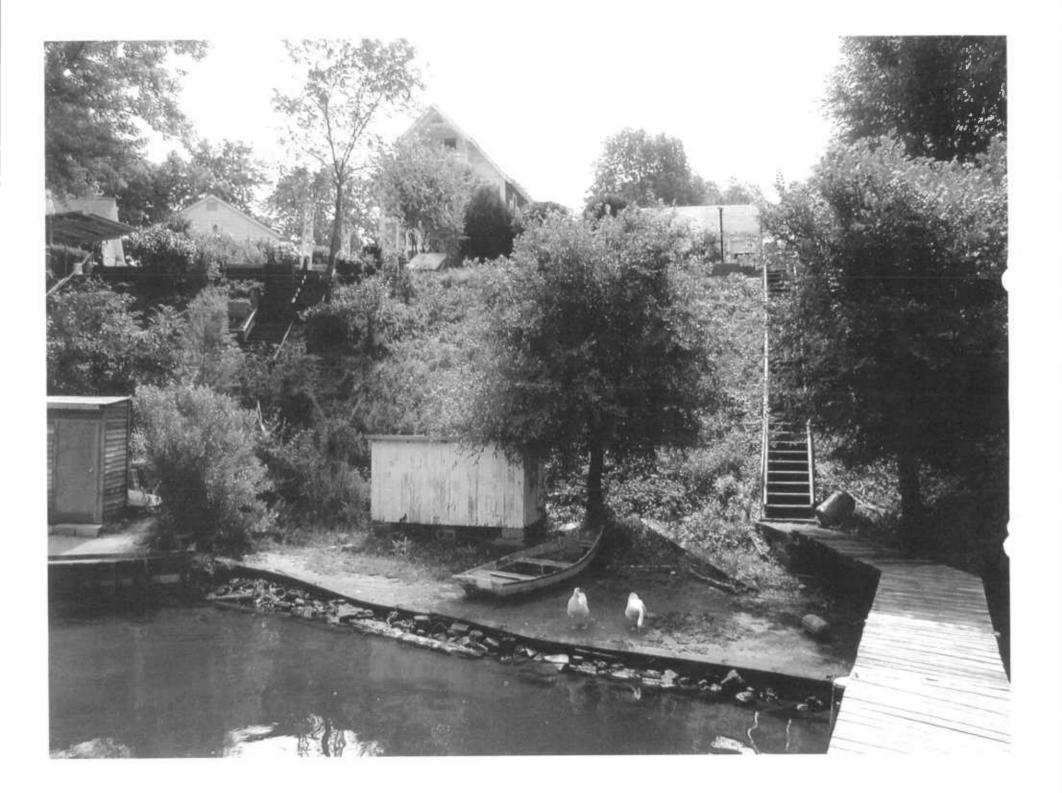
Annapolis, Maryland 21403

Map 8Z, Parcel 28 Tax Account 06410500

Persons with Financial Interests

Paul W. Alden Co., Inc. 211 Nichols Manor Road Stevensville, Maryland 21666

Lance Johnson 2818 Mulberry Hill Road Annapolis, Maryland 21401



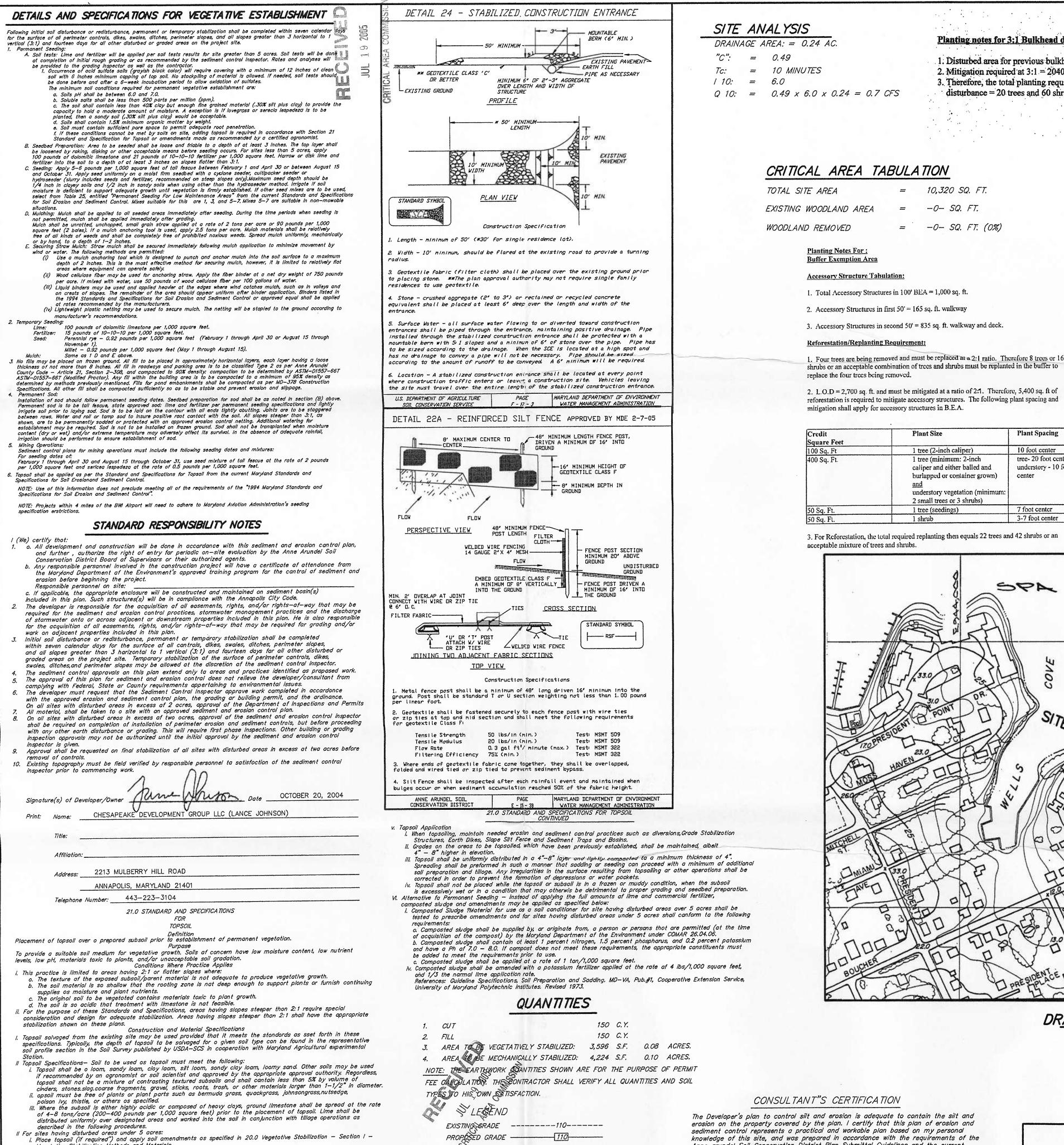




RECEIVED

JUL 1 9 2005

CRITICAL ANEA COMMISSION



EXISTING ELEVATION

PROPOSED ELEVATION

LIMIT OF DISTURBANCE

STABILIZED CONSTRUCTION S. C. E.

LOD

Vegetative Stobilization Methods and Moteriols.

Vegetotive Stabilization Methods and Meterials.

lime shall be perscribed to roise the pH to 6.5 or higher.

b. Organic content of topsail shall be nat less than 1.5 percent by weight.

by the oppropriate approval authority, may be used in lieu of natural topsail.

i. On soil meeting Topsoil specifications, obtain test results dictating fertilizer and lime amendments required to

Topsoil having soluble soit content greater than 500 parts per million shall not be used.

control until sufficient time hos elapsed (14 days min.) ta permit dissipation of phyto-taxic materiols.

bring the soikl into compliance with the following:
o. pH for topsoil sholl be between 6.0 and 7.5. If the tested soil demonstrates o pH of less than 6.0, sufficient

d. ?No sod ar seed shall be placed on sail which has been treated with sail sterilonts or chemicals used far weed

Nate: Topsoil substitutes ar amendments, as recommended by a qualified agronamist or soil scientist and approved

i. Ploce topsoil (if required) and opply soil amendments os specified in 20.0 Vegetative Stabilization — Section I

III For sites hoving disturbed areas over 5 acres:

= 10,320 SQ. FT.

= -0- SQ. FT. (0%)

= -0- SQ. FT.

Plant Size

1 tree (2-inch caliper)

1 tree (minimum: 2-inch

2 small trees or 3 shrubs)

1 tree (seedings)

1 shrub

caliper and either balled and

burlapped or container grown)

understory vegetation (minimum:

 $0.49 \times 6.0 \times 0.24 = 0.7 \text{ CFS}$

Planting notes for 3:1 Bulkhead disturbance:

1. Disturbed area for previous bulkhead construction: = 680 sq.ft. 2. Mitigation required at 3:1 = 2040 sq.ft.

3. Therefore, the total planting required to mitigate the bulkhead disturbance = 20 trees and 60 shrubs:

Plant Spacing

10 foot center

center

7 foot center

3-7 foot center

tree- 20 foot center

understory - 10 foot

1. PRE-CONSTRUCTION MEETING: NOTIFY THE DEPARTMENT OF INSPECTIONS AND PERMITS AT LEAST 48 HOURS BEFORE COMMENCING WORK. WORK MAY NOT COMMENCE UNTIL THE PERMITTEE OR THE RESPONSIBLE PERSONNEL HAVE MET ON SITE WITH THE SEDIMENT AND EROSION CONTROL INSPECTOR TO REVIEW THE APPROVED PLANS.

SEQUENCE OF CONSTRUCTION

2. INSTALL ALL TEMPORARY EROSION CONTROL MEASURES SUCH AS REINFORCED SILT FENCE, STABILIZED CONSTRUCTION ENTRANCE. 3. RAZE AND REMOVE EXISTING HOUSE.

4. EXCAVATE FOR AND CONSTRUCT FOUNDATION. GRADE AND STABILIZE REMAINDER OF SITE. MAINTAIN SEDIMENT CONTROL MEASURES.

5. CONSTRUCT HOUSE, RECONNECT WATER & SEWER CONNECTIONS, DRIVEWAY AND MAINTAIN SEDIMENT CONTROL MEASURES. 6. INSTALL REFORESTATION & SWM PLANTS PLANTINGS.

7. FINAL CLEANUP, STABILIZATION AND REMOVAL OF REMAINING SEDIMENT CONTROL MEASURES WITH INSPECTOR'S APPROVAL.

Planting Notes For: Compliance with SWM Requirements of 10% Rule

Impervious Surface Tabulation:

- Total impervious surface in 100 foot buffer: 80 sq. ft.
- Required Planting: Three trees or nine shrubs per each 100 sq. ft. Therefore, 2 trees or 7 shrubs are required for 10% rule compliance for impervious in 100' buffer.
- Total impervious surface out of 100 buffer: 3,044 sq. ft. However, there is currently 2,582 sq. ft. of impervious out of the 100 buffer. Therefore, the total new impervious out of the 100 buffer is 462 sq. ft.
- 4. Required Planting: One tree or three shrubs per each 100 sq. ft. Therefore 5 trees or 15 shrubs are required for 10% rule compliance for impervious out of 100' buffer.
- 5. Therefore total required planting for 10% rule compliance: 7 trees or 22 shrubs or an acceptable combination of the two.

Grand Total Planting Required:

- In order to comply with the B.E.A. requirements, the bulkhead disturbance mitigation, as well as the 10% rule requirements a grand total of 49 trees and 124 shrubs or acceptable combination of trees/shrubs are required.
- Please note that since the entire replanting cannot be accomplished on-site, it is acceptable to pay a fee in lieu for the balance not planted on-site on the basis of the cost to install plants plus 20%.

GENERAL NOTES

SETBACKS: FRONT: 25' (AVERAGE WATERWAY YARD = 94.1') REAR: 30' SIDE: 6'

PREDOMINANT SOIL TYPE: MxB MONMOUTH URBAN LAND COMPLEX 10,320 S.F. 0.24 ACRES. 4. TOTAL AREA OF SITE: 5. PROPOSED DISTURBED AREA: 7.820 S.F. 0.18 ACRES.

6. AAANPOLIS CITY TOPO SHEET: X-25 7. F.E.M.A. RATE MAP: 2400090005 B ZONE: C, A-6 (ELEVATION 7.0) 8. THIS LOT IS NOT IN THE 100 YEAR FLOOD AREA.

9. FIELD RUN TOPOGRAPHY BY ED BROWN AND ASSOCIATES, INC. 10. PUBLIC WATER.

11. PUBLIC SEWER.

48 HOURS

2 DAYS

2 WEEKS

20 DAYS

5 MONTHS

2 DAYS

NAME OF THE OWNER, OWNE

12. EARTH MOVING: ANY STOCKPILE NECESSARY SHALL REMAIN WITHIN THE LIMITS PROTECTED BY SEDIMENT CONTROL MEASURES. ANY EXCESS SPOIL OR BORROW MATERIAL SHALL BE TAKEN TO OR OBTAINED FROM A. A. CO. APPROVED SITE.

13. DOWNSPOUT PROTECTION: ALL DOWNSPOUTS ARE TO BE CARRIED TO THE TOE OF THE FILL SLOPES, SPLASH BLOCKS ARE TO BE PROVIDED AT ALL DOWNSPOUTS NOT DISCHARGING ONTO A PAVED SURFACE.

14. DISTURBANCE WITHIN CREEK DRIVE MUST BE STABILIZED IMMEDIATELY USING COLD PATCH BITUMINOUS MATERIAL. PERMANENT PAVE PATCHING IN THESE AREAS WITH HOT MIX BITUMINOUS MATERIAL MUST BE COMPLETED WITHIN 14-30 DAYS TO MATCH THE EXISTING

15. THE EXISTING UTILITIES AND OBSTRUCTIONS SHOWN ARE FROM THE BEST AVAILABLE RECORDS AND SHALL BE VERIFIED BY THE CONTRACTOR TO HIS SATISFACTION PRIOR TO CONSTRUCTION. NECESSARY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SERVICES AND MAINS AND ANY DAMAGE TO THEM SHALL BE REPAIRED AT HIS OWN EXPENSE.

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE OBSERVANCE OF ALL APPLICABLE OSHA REGULATIONS CONCERNING EXCAVATION AND BACKFILL

CRITICAL AREA COMMISSION

PAVEMENT SECTION OF ROAD.

70F I 6 5002

RECEIVED

490 CREEK

Anne Arundel Soil Conservation District Sediment and Erosion Control Approval Date SMALL POND(S)# Reviewed for technical adequacy by USDA, Natural Resource Conservation Service

CONSULTANT"S CERTIFICATION

The Developer's plan to control silt and erosion is adequate to contain the silt and erosion on the property covered by the plan. I certify that this plan of erosion and sediment control represents a practical and workable plan based on my personal knowledge of this site, and was prepared in accordance with the requirements of the Anne arundel Soil Conservation District Plan Submittal Guidelines and the current Maryland Standards And Specifications for Sediment and Eroslon Control. I have reviewed this erosion and sediment control plan with the owner/developer.

MD. P.E. License # Md. Land Surveyor License # 10714

Md. Landscape Architect #_____ Name: (Print) EDWARD A. BROWN Firm Name: ED BROWN & ASSOCIATES, INC.

Street Address: 19 LORETTA AVENUE ANNAPOLIS, MARYLAND 21401

ED BROWN & ASSOCIATES, INC.

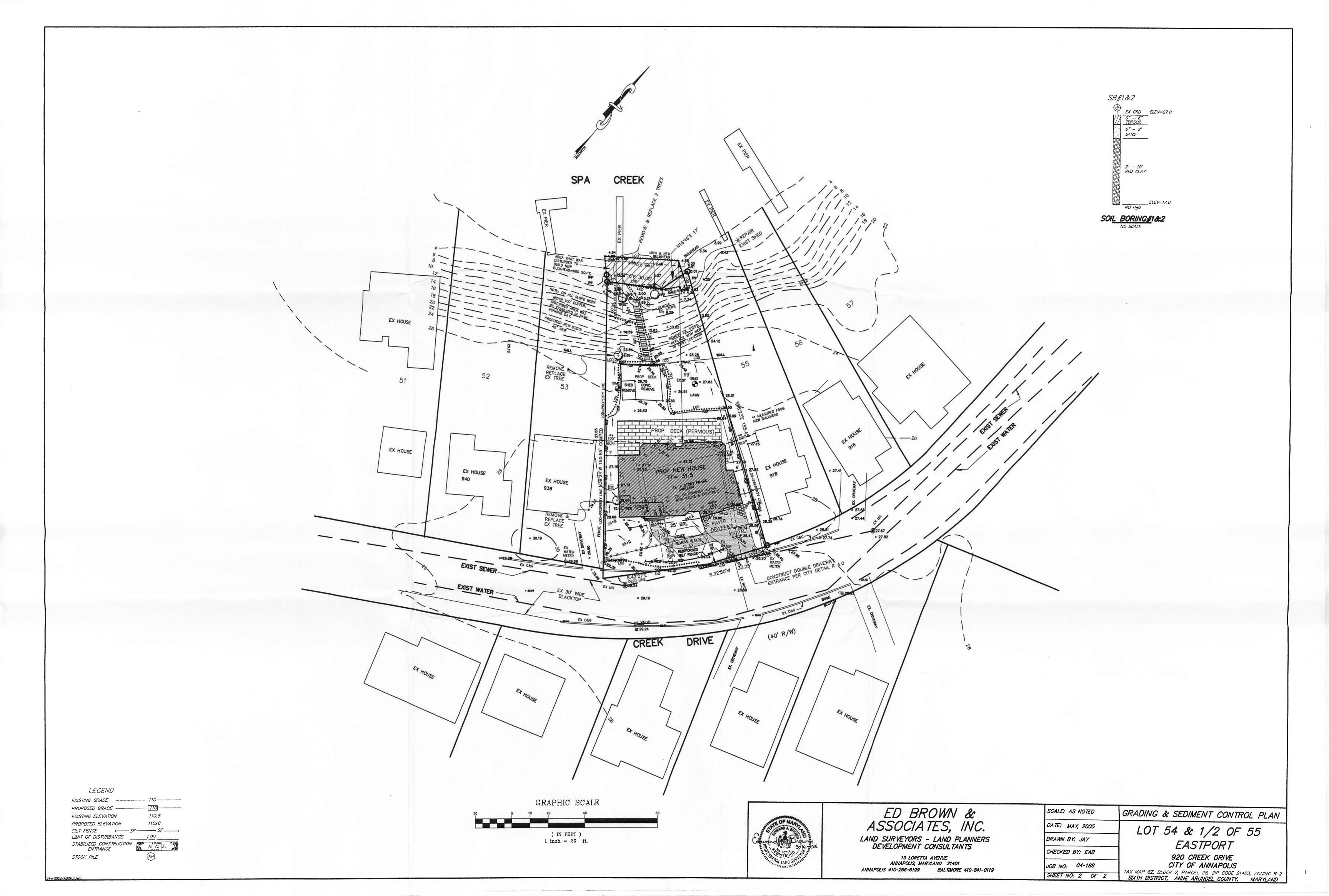
LAND SURVEYORS - LAND PLANNERS
DEVELOPMENT CONSULTANTS 19 LORETTA AVENUE ANNAPOLIS, MARYLAND 21401

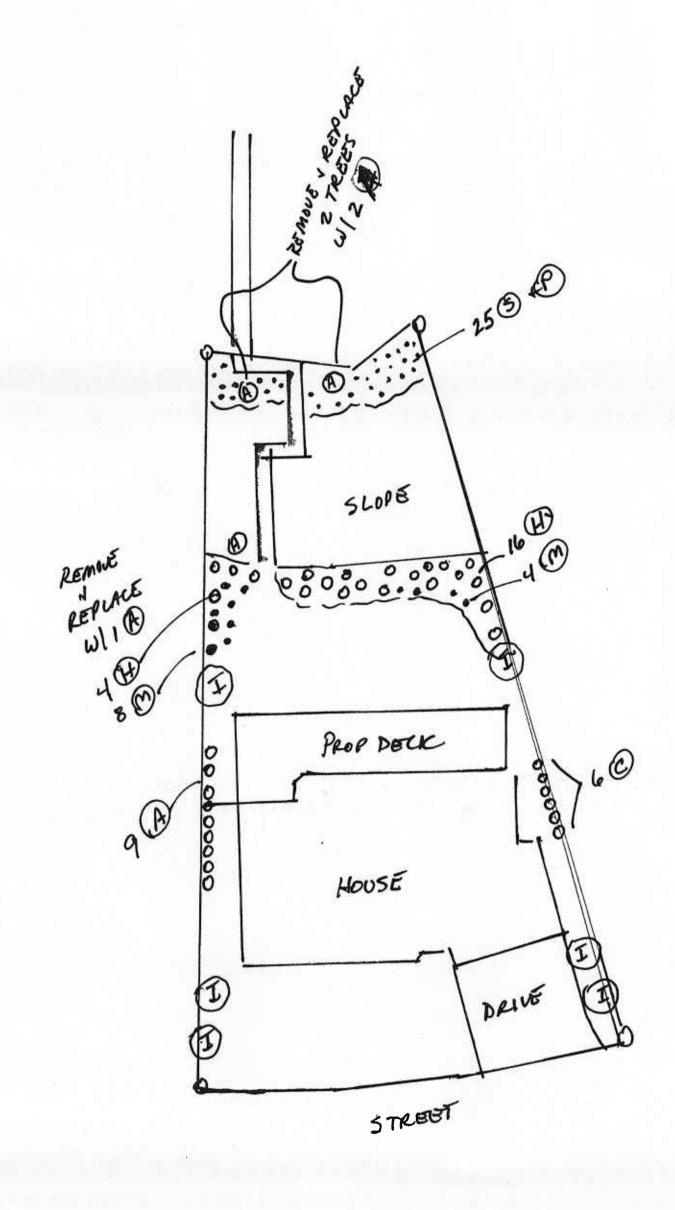
ANNAPOLIS 410-266-6199 BALTIMORE 410-841-0119

SCALE: AS NOTED GRADING & SEDIMENT CONTROL PLAN DATE: MAY, 2005 LOT 54 & 1/2 OF 55 DRAWN BY: JAY EASTPORT CHECKED BY: EAB 920 CREEK DRIVE CITY OF ANNAPOLIS JOB NO: 04-188

SHEET NO: 1 OF 2 SIXTH DISTRICT, ANNE ARUNDEL COUNTY, MARYLAND

TAX MAP 8Z, BLOCK 2, PARCEL 28, ZIP CODE 21403, ZONING R-2





Symbols	Common Plant Names	Latin Plant names	Quantity	Size	Cost per plant
I	American Holly	Ilex opaca	6	5'-6' or 2" caliper	\$600.00
A	Serviceberry	Amelanchier canadensis	9	3-gallon 11/2"-2"cal.	\$25.00
C	Sweetbush	Clethra alnifolia	6	3 gallon	\$85.00
Н	St. John's wort	Hypericum densiflorum	20	3 gallon	\$85.00
M	Swamp rose or Mallow	Rosa palustris	12	3 gallon	\$85.00
P	Switch grass	Panicum virgatum 'Heavy Metal'	15	3 gallon	\$85.00
S	Smooth cordgrass	Spartina alterniflora	13	3 gallon	\$85.00

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ED BROWN & ASSOCIATES, INC.
LAND SURVEYORS - LAND PLANNERS DEVELOPMENT CONSULTANTS

19 LORETTA AVENUE
ANNAPOLIS, MARYLAND 21401 ANNAPOLIS 410-266-6199 BALTIMORE 410-841-0119

SCALE: /"= 20'	LANDSCAPE PLAN
DATE: MAY 05	LOT 54 = 1/2 OF 55
DRAWN BY: ANDREA	EASTPORT
CHECKED BY:	920 CREEK DRIVE, SPACRK.
JOB NO: 04-188	ANNAPOLIS
SHEET / OF /	GTH TAX DISTRICT, A. A. CO.